Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_

Biology Homework: Hemophilia Pedigree

Directions:

1. Go to pg. 308 and read about hemophilia. Write down two facts from the paragraph.

1.

2.

1. Examine Queen Victoria’s Pedigree (Figure 11.13, pg. 308) and answer the following questions:
   1. Which of Alexandra’s children inherited the disorder?
   2. Describe the passage of the hemophilia gene from Queen Victoria through the generation to Alexis.

*The gene passed from Queen Victoria to……*

(over)

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* 1. Draw a pedigree of Alexis (part of the Russian royal family) if he had married a non-carrier and had two boys and two girls.
  2. Draw a pedigree of Alexis (part of the Russian royal family) if he had married a non-carrier and had two boys and two girls.